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**JUN 07 2004**

PTO/SB/21 (02-04)

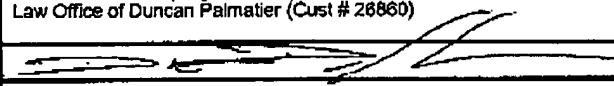
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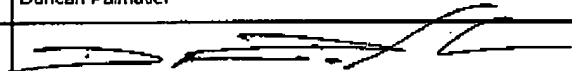
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|   |                      |                        |                        |
|---|----------------------|------------------------|------------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) | Application Number   | 10/642,413             |                        |
|   | Filing Date          | 08/15/2003             |                        |
|   | First Named Inventor | George Y. Huang        |                        |
|   | Art Unit             | 2833                   |                        |
|   | Examiner Name        | TSUKERMAN, LARISA Z    |                        |
| Total Number of Pages in This Submission  | 19                   | Attorney Docket Number | Huang/Cont Raised Port |

**OFFICIAL**

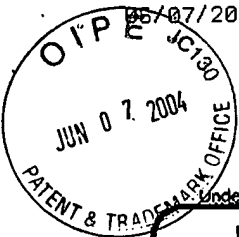
| ENCLOSURES (Check all that apply)   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input checked="" type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Technology Center (TC)<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks   |  |  |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  |  |  |
| Firm or Individual name   | Duncan Palmatier (Reg # 40,759)<br>Law Office of Duncan Palmatier (Cust # 26860)   |  |
| Signature   |   |  |
| Date  | June 7, 2004   |  |

| CERTIFICATE OF TRANSMISSION/MAILING  |   |      |              |
|--|---|------|--------------|
| I hereby certify that this correspondence is being <u>facsimile transmitted</u> to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |   |      |              |
| (703) 308 872 - 9306   |   |      |              |
| Typed or printed name  | Duncan Palmatier  |      |              |
| Signature  |  | Date | June 7, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 210.00

## Complete if Known

|                      |                      |
|----------------------|----------------------|
| Application Number   | 10/642,413           |
| Filing Date          | 08/15/2003           |
| First Named Inventor | George Y. Huang      |
| Examiner Name        | TSUKERMAN, LARISA Z  |
| Art Unit             | 2833                 |
| Attorney Docket No.  | Huang/Rais Port Cont |

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number  
Deposit Account Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments  
☐ Charge any additional fee(s) or any underpayment of fee(s)  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 1001 770                   | 2001 385                   | Utility filing fee     |          |
| 1002 340                   | 2002 170                   | Design filing fee      |          |
| 1003 530                   | 2003 265                   | Plant filing fee       |          |
| 1004 770                   | 2004 385                   | Reissue filing fee     |          |
| 1005 180                   | 2005 80                    | Provisional filing fee |          |

SUBTOTAL (1) (\$) \_\_\_\_\_

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims Fee from below Fee Paid

Total Claims \_\_\_\_\_ -20\*\* = \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Independent Claims \_\_\_\_\_ -3\*\* = \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Multiple Dependent \_\_\_\_\_ = \_\_\_\_\_

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 1202 18                    | 2202 9                     | Claims in excess of 20                                     |          |
| 1201 88                    | 2201 43                    | Independent claims in excess of 3                          |          |
| 1203 290                   | 2203 145                   | Multiple dependent claim, if not paid                      |          |
| 1204 86                    | 2204 43                    | ** Reissue independent claims over original patent         |          |
| 1205 18                    | 2205 9                     | ** Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2) (\$) \_\_\_\_\_

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 1051 130                   | 2051 65                    | Surcharge - late filing fee or oath  |          |
| 1052 50                    | 2052 25                    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053 130                   | 1053 130                   | Non-English specification  |          |
| 1812 2,520                 | 1812 2,520                 | For filing a request for ex parte reexamination                            |          |
| 1804 920*                  | 1804 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 1805 1,840*                | 1805 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 1251 110                   | 2251 55                    | Extension for reply within first month                                     |          |
| 1252 420                   | 2252 210                   | Extension for reply within second month                                    | 210      |
| 1253 950                   | 2253 475                   | Extension for reply within third month                                     |          |
| 1254 1,480                 | 2254 740                   | Extension for reply within fourth month                                    |          |
| 1255 2,010                 | 2255 1,005                 | Extension for reply within fifth month                                     |          |
| 1401 330                   | 2401 165                   | Notice of Appeal   |          |
| 1402 330                   | 2402 165                   | Filing a brief in support of an appeal                                     |          |
| 1403 290                   | 2403 145                   | Request for oral hearing   |          |
| 1451 1,510                 | 1451 1,510                 | Petition to institute a public use proceeding                              |          |
| 1452 110                   | 2452 55                    | Petition to revive - unavoidable   |          |
| 1453 1,330                 | 2453 665                   | Petition to revive - unintentional   |          |
| 1601 1,330                 | 2601 665                   | Utility issue fee (or reissue)   |          |
| 1502 480                   | 2502 240                   | Design issue fee   |          |
| 1503 640                   | 2503 320                   | Plant issue fee  |          |
| 1460 130                   | 1460 130                   | Petitions to the Commissioner  |          |
| 1807 50                    | 1807 50                    | Processing fee under 37 CFR 1.17(q)  |          |
| 1806 180                   | 1806 180                   | Submission of Information Disclosure Stmt                                  |          |
| 8021 40                    | 8021 40                    | Recording each patent assignment per property (times number of properties) |          |
| 1809 770                   | 2809 385                   | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810 770                   | 2810 385                   | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801 770                   | 2801 385                   | Request for Continued Examination (RCE)                                    |          |
| 1802 900                   | 1802 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 210.00

## SUBMITTED BY

Name (Print/Type) Duncan Palmatier

Signature \_\_\_\_\_

Registration No. 40,759

(Attorney/Agent)

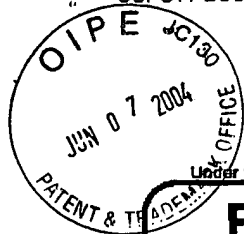
(Complete if applicable)

Telephone 208-892-2962

Date June 7, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313 1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/17 (10-03)

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| Filing Date          | 08/15/2003           |
| First Named Inventor | George Y. Huang      |
| Examiner Name        | TSUKERMAN, LARISA Z  |
| Art Unit             | 2833                 |
| Attorney Docket No.  | Huang/Rais Port Cont |

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☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit  
Account  
Number  
Deposit  
Account  
Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) or any underpayment of fee(s)

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Extra Claims Fee from below Fee Paid

Total Claims  -20\*\* =  X  =

Independent Claims  -3\*\* =  X  =

Multiple Dependent  =

| Large Entity<br>Fee Code (\$) | Small Entity<br>Fee Code (\$) | Fee Description  | Fee Paid |
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\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

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| 1053 130                      | 1053 130                      | Non-English specification  |          |
| 1012 2,620                    | 1812 3,620                    | For filing a request for ex parte reexamination                            |          |
| 1804 920*                     | 1804 920*                     | Requesting publication of SIR prior to Examiner action                     |          |
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| 1262 120                      | 2252 210                      | Extension for reply within second month                                    |          |
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| 1254 1,480                    | 2254 740                      | Extension for reply within fourth month                                    |          |
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| 1403 290                      | 2403 145                      | Request for oral hearing   |          |
| 1451 1,510                    | 1451 1,510                    | Petition to institute a public use proceeding                              |          |
| 1452 110                      | 2452 55                       | Petition to revive - unavoidable   |          |
| 1453 1,330                    | 2453 665                      | Petition to revive - unintentional   |          |
| 1501 1,330                    | 2501 665                      | Utility issue fee (or reissue)   |          |
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| 1807 50                       | 1807 50                       | Processing fee under 37 CFR 1.17(q)  |          |
| 1808 180                      | 1808 180                      | Submission of Information Disclosure Stmt                                  |          |
| 8021 40                       | 8021 40                       | Recording each patent assignment per property (times number of properties) |          |
| 1809 770                      | 2809 385                      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
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| 1802 900                      | 1802 900                      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)  
210.00

## SUBMITTED BY

Name (Print/Type) Duncan Palmatier

Signature

Registration No.  
40,759

(Attorney/Agent)

(Complete if applicable)

Telephone 208-892-2962

Date

June 7, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: George Y. Huang ) Group Art Unit: 2833  
Serial No.: 10/642,413 ) Examiner: TSUKERMAN,  
Filed: 08/15/2003 ) LARISA Z  
For: ELECTRICAL CONNECTOR AND )  
ADAPTER STRUCTURE WITH )  
RAISED PORTION )  
Atty Docket: Huang/Cont Raised )  
Port )

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RESPONSE TO NON-FINAL OFFICE ACTION MAILED 01/06/2004

June 7, 2004

Via Fax 703-872-9306  
TC 2800, Before Final

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

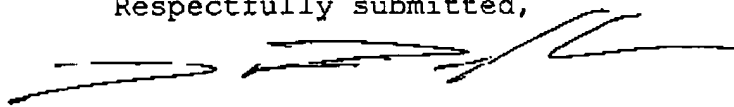
Dear Sir:

**OFFICIAL**

In response to the Non-final Office Action of January 6,  
2004, please amend the above-identified application as follows:

1. Transmittal Form (PTO/SB/21);
2. Petition for Extension of Time Under 37 CFR  
1.136(a) Form, and one copy (PTO/SB/22);
3. Fee Transmittal for FY 2004 Form (PTO/SB/17);
4. Credit Card Payment Form (PTO-2038); and
5. Remarks begin on page 2.

Respectfully submitted,



Duncan Palmatier  
Registration No. 40,759  
Customer No. 26860  
Law Office of Duncan Palmatier  
530 South Asbury, Suite 5  
Moscow, Idaho 83843  
Tel: (208) 892-2962; Fax: (208) 892-3853